



CALIFORNIA

Agricultural Bulletin

EDD Employment
Development
Department
State of California

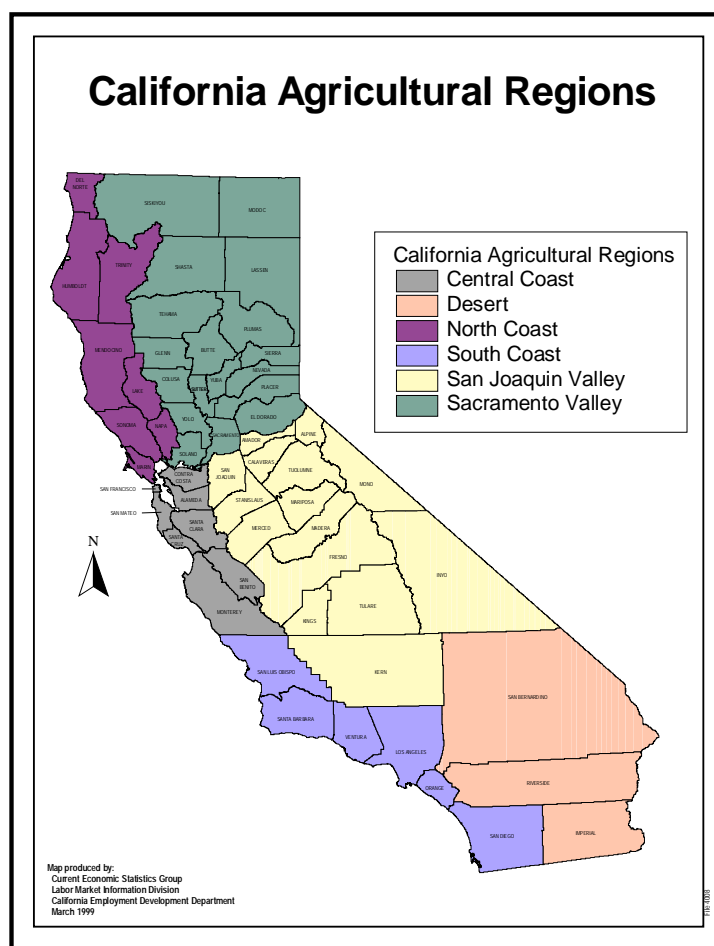
September 2001
(Internet Version)

Agricultural Overview

In This Issue

Agricultural Overview	1
Summary	2
Agricultural Summary Charts	3
California Employment	4
Central Coast Employment	5
Desert Employment	6
North Coast Employment	7
South Coast Employment	8
San Joaquin Valley Employment	9
Sacramento Valley Employment	10
Data Notes	11

This bulletin covers 27 agricultural industries in the State of California. The number of industries ranges from five to seventeen within each of the six geographic regions. The regions are the San Joaquin Valley, South Coast, Desert, Central Coast, Sacramento Valley, and North Coast (refer to map for details).



The data are organized into the following tables by state and region:

- Wage and Salary Workers
- Average Hourly Earnings

LMID
Labor Market Information Division
"Your Information Source"

Summary

Employment

California agricultural employment for September 2001 increased 9,700 jobs over the previous month for a gain of two percent. Total Agricultural Production increased 5,900 jobs from August 2001 to September 2001, a gain of two percent. Agricultural Services increased by 11,300 jobs, a gain of two percent. An increase in total agricultural employment for the month of September is normal. The change in California agricultural employment from August 2000 to September 2000 was an increase of 12,800 jobs.

Grape crops registered the largest gain for the month with an increase of 8,300 jobs. The largest decrease was registered in the Other Field Crops category with a loss of 5,700 jobs. Farm Labor Contractor Services registered a loss of 5,200 jobs. Total agricultural employment increased seven percent in the Desert Region and six percent in the San Joaquin Valley Region. Agricultural employment decreased five percent in the South Coast Region, five percent in the Sacramento Valley Region, and four percent in the Central Coast Region. The North Coast Region remained unchanged.

Production and Crop Activity

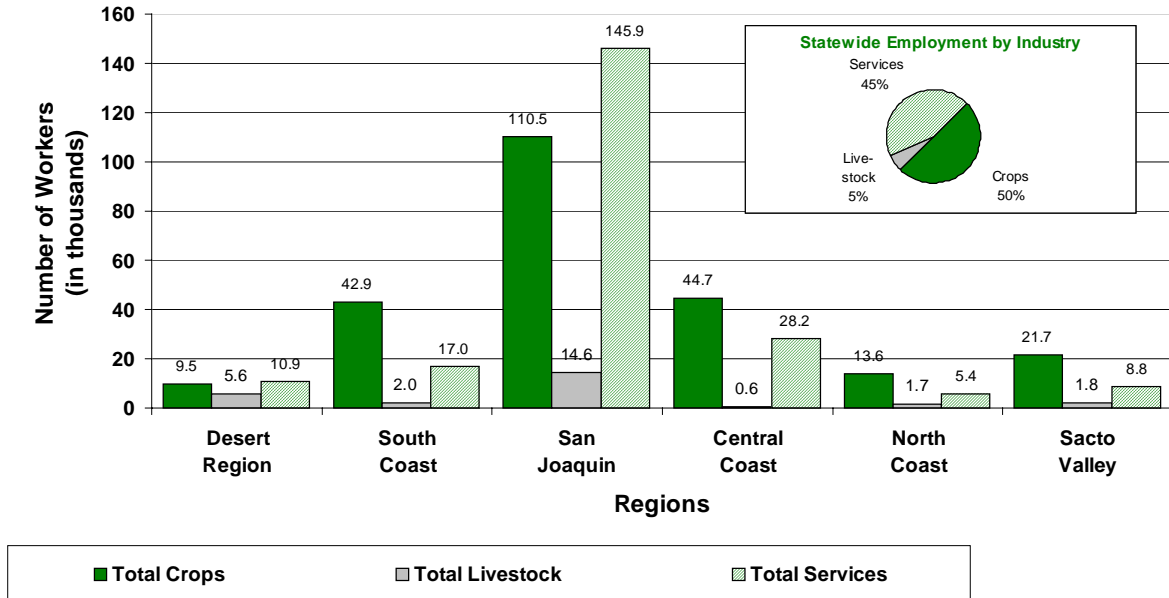
The cotton harvest began in the San Joaquin Valley. Cotton defoliation continued in mature fields. Growers were removing borders and leveling field perimeters to facilitate harvest activities. Cutting, drying and baling of alfalfa hay continued. Harvested alfalfa hay fields were being irrigated, fertilized and treated for insect pests between cuttings. Several new fields of alfalfa were being planted. Small grain fields were being prepared for planting. Oat planting began in a few locations. Field corn, seed corn, sugar beets and Sudan were being harvested. Safflower harvesting was nearly complete in most areas. Forage crops, such as silage corn, continued to be harvested. Dry bean growers continued their harvest, while unharvested fields were being cut, windrowed and dried. Rice harvesting continued in several areas. Fields were prepared for the planting of cabbage, cauliflower, and broccoli. Lettuce growers irrigated, cultivated, and sprayed fields for the control of weeds and insects. Watermelons, honeydews, and cantaloupes were harvested from melon fields. Garlic fields were prepared for planting. Pumpkins, gourds, and winter squash were being actively harvested. The harvesting of fresh market and processing tomatoes was winding down in the Sacramento and San Joaquin Valleys. Some tomato fields were being plowed under. Vegetables harvested during the month of September included basil, bell peppers, broccoli, carrots, cauliflower, celery, chili peppers, cilantro, cucumbers, eggplant, green beans, green onions, mustard greens, okra, parsley, squash, and sweet corn.

Fruit growers performed cultural activities that included weed control, fungicide applications, and irrigation of trees and vines. Harvesting of table grapes and wine grapes continued. Raisins were removed from drying trays and placed in bins. The stone fruit harvest continued its seasonal decline. Freestone peach growers were still actively harvesting several varieties. Angeleno and Autumn Beaut plums were harvested while other peach, plum, and nectarine growers prepared orchards for the approaching dormant season. Apples were picked as the prune harvest slowed. Harvesting of Asian pears and early variety pomegranates continued. Quince and fig picking also continued and the olive harvest gained momentum. Valencia oranges were harvested in southern coastal areas and in the lower San Joaquin Valley. Lemon picking was active in the South Coast and Desert Regions. Grapefruit harvesting continued in Riverside County. Almonds, pistachios, and walnuts were actively harvested while pecan growers prepared orchards for harvest.

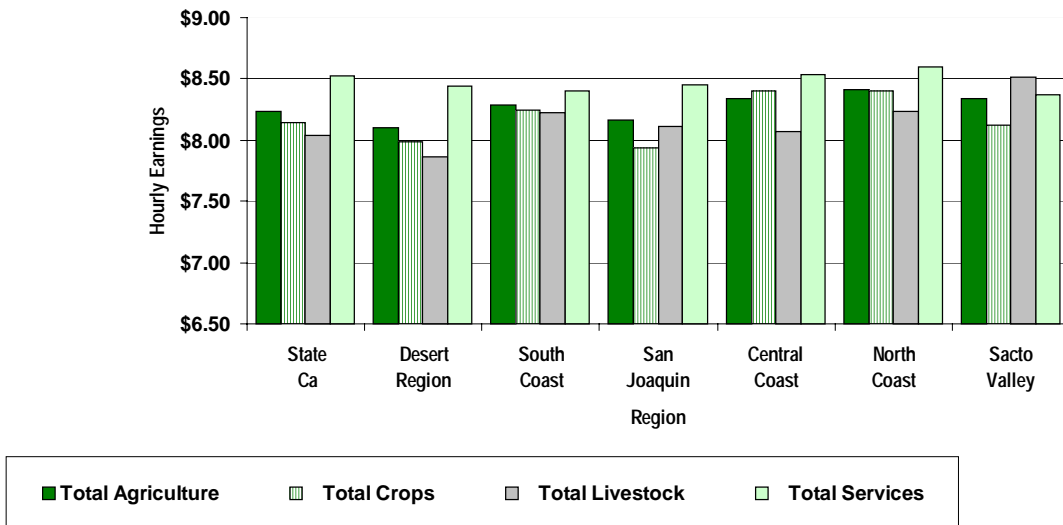
Beef cattle continued to be moved from higher elevations to foothill pastures. Supplemental feeding occurred in many areas, especially in central California.

Agricultural Summary Charts

Wage and Salary Workers



Average Hourly Earnings



CALIFORNIA AGRICULTURAL EMPLOYMENT

Wage and Salary Workers (In Thousands)

Industry	Sep 2001	Aug 2001	Sep 2000
Total Agriculture	485.4	475.7	489.1
Total Agricultural Production/Crops	242.9	233.9	241.5
Cash Grains	3.8	2.8	2.8
Rice	1.6	1.4	1.9
Other Cash Grains	2.2	1.4	0.9
Field Crops Except Grains	19.7	26.4	13.4
Cotton	6.6	7.6	5.0
Other Field Crops	13.1	18.8	8.4
Vegetables and Melons	38.0	40.4	38.9
Total Fruits and Tree Nuts	117.7	104.3	118.7
Berries	15.6	17.9	17.0
Grapes	56.3	48.0	60.1
Tree Nuts	11.1	9.4	11.5
Citrus Fruits	4.8	4.4	4.7
Deciduous Tree Fruit	19.1	13.8	14.5
Other Fruits & Nuts	10.8	10.8	10.9
Total Horticultural Specialties	34.0	34.7	36.8
Ornamental Floral & Nursery	30.7	31.6	33.2
Food Crops Grown Under Cover	3.3	3.1	3.6
General Farm Primarily Crop	29.7	25.3	30.9
Agricultural Production/Livestock	26.3	29.4	29.0
Beef Cattle Feed Lots	0.6	0.7	0.8
Beef Cattle Except Feed Lots	3.1	3.0	3.3
Dairy Farms	14.8	14.3	16.6
Chicken Eggs	2.2	2.3	2.4
Turkey & Turkey Eggs	0.8	0.7	0.9
Other Livestock	4.8	8.4	5.0
Total Agricultural Services	216.2	212.4	218.6
Soil Preparation Services	3.2	1.6	1.6
Crop Services	51.2	44.8	53.1
Plant Cultivate & Protection	4.8	4.9	6.6
Harvest Primarily by Machine	5.4	4.2	7.9
Preparation Services for Market	40.2	35.0	38.0
Cotton Ginning	0.8	0.7	0.6
Total Farm Labor & Management	161.8	166.0	163.9
Farm Labor Contractors	149.8	155.0	152.2
Farm Management Services	12.0	11.0	11.7

Average Hourly Earnings (In dollars per hour)

Industry	Sep 2001	Aug 2001	Sep 2000
Total Agriculture	8.23	8.25	8.07
Total Agricultural Production/Crops	8.14	8.11	7.92
Cash Grains	8.39	8.31	8.05
Rice	8.53	8.45	8.19
Other Cash Grains	8.25	8.16	7.91
Field Crops Except Grains	7.97	8.05	7.68
Cotton	7.73	7.95	7.45
Other Field Crops	8.21	8.16	7.90
Vegetables and Melons	8.16	8.08	7.95
Total Fruits and Tree Nuts	7.96	7.90	7.94
Berries	7.81	7.64	7.90
Grapes	8.02	7.96	7.84
Tree Nuts	7.94	7.90	7.86
Citrus Fruits	7.89	7.91	7.91
Deciduous Tree Fruit	7.78	7.73	7.86
Other Fruits & Nuts	8.34	8.28	8.27
Total Horticultural Specialties	8.20	8.25	8.04
Ornamental Floral & Nursery	8.27	8.29	7.98
Food Crops Grown Under Cover	8.12	8.22	8.11
General Farm Primarily Crop	8.19	8.06	7.84
Agricultural Production/Livestock	8.04	8.07	7.89
Beef Cattle Feed Lots	8.07	8.06	7.91
Beef Cattle Except Feed Lots	8.25	8.24	8.28
Dairy Farms	8.56	8.60	8.32
Chicken Eggs	7.25	7.47	7.03
Turkey & Turkey Eggs	7.93	7.83	7.82
Other Livestock	8.17	8.23	8.00
Total Agricultural Services	8.52	8.56	8.39
Soil Preparation Services	8.59	8.78	8.57
Crop Services	8.69	8.68	8.60
Plant Cultivate & Protection	8.61	8.59	8.43
Harvest Primarily by Machine	8.67	8.45	8.45
Preparation Services for Market	8.16	8.08	8.08
Cotton Ginning	9.34	9.61	9.45
Total Farm Labor & Management	8.29	8.23	8.00
Farm Labor Contractors	8.08	8.00	7.80
Farm Management Services	8.50	8.47	8.20

CENTRAL COAST AGRICULTURAL EMPLOYMENT

Wage and Salary Workers
(In Thousands)

Industry	Sep 2001	Aug 2001	Sep 2000
Total Agriculture	73.5	76.6	72.5
Total Agricultural Production/Crops	44.7	50.1	43.0
Cash Grains	0.0	0.0	0.0
Rice	0.0	0.0	0.0
Other Cash Grains	0.0	0.0	0.0
Field Crops Except Grains	3.9	6.9	0.2
Cotton	0.0	0.0	0.0
Other Field Crops	3.9	6.9	0.2
Vegetables and Melons	15.9	17.4	17.3
Total Fruits and Tree Nuts	12.7	14.5	12.9
Berries	10.0	12.1	10.6
Grapes	1.1	1.2	1.1
Tree Nuts	0.2	0.2	0.2
Citrus Fruits	0.0	0.0	0.0
Deciduous Tree Fruit	1.2	0.8	0.7
Other Fruits & Nuts	0.2	0.2	0.3
Total Horticultural Specialties	9.3	9.7	9.6
Ornamental Floral & Nursery	7.2	7.6	7.5
Food Crops Grown Under Cover	2.1	2.1	2.1
General Farm Primarily Crop	2.9	1.6	3.0
Agricultural Production/Livestock	0.6	0.2	1.0
Beef Cattle Feed Lots	0.0	0.0	0.0
Beef Cattle Except Feed Lots	0.3	0.0	0.3
Dairy Farms	0.1	0.0	0.1
Chicken Eggs	0.0	0.0	0.1
Turkey & Turkey Eggs	0.0	0.0	0.1
Other Livestock	0.2	0.2	0.4
Total Agricultural Services	28.2	26.3	28.5
Soil Preparation Services	1.4	0.3	0.3
Crop Services	10.7	9.1	10.3
Plant Cultivate & Protection	0.3	0.2	0.7
Harvest Primarily by Machine	2.9	1.2	2.0
Preparation Services for Market	7.5	7.7	7.6
Cotton Ginning	0.0	0.0	0.0
Total Farm Labor & Management	16.1	16.9	17.9
Farm Labor Contractors	14.5	15.5	16.8
Farm Management Services	1.6	1.4	1.1

na = not available

Average Hourly Earnings
(In dollars per hour)

Industry	Sep 2001	Aug 2001	Sep 2000
Total Agriculture	8.34	8.30	8.12
Total Agricultural Production/Crops	8.40	8.30	8.16
Cash Grains	na	na	na
Rice	na	na	na
Other Cash Grains	na	na	na
Field Crops Except Grains	8.52	8.27	8.00
Cotton	na	na	na
Other Field Crops	8.52	8.27	8.00
Vegetables and Melons	8.51	8.36	8.12
Total Fruits and Tree Nuts	8.44	8.32	8.36
Berries	8.77	8.24	8.57
Grapes	8.06	8.16	7.56
Tree Nuts	8.53	8.51	8.57
Citrus Fruits	na	na	na
Deciduous Tree Fruit	8.19	8.17	8.36
Other Fruits & Nuts	8.67	8.52	8.74
Total Horticultural Specialties	8.46	8.48	8.33
Ornamental Floral & Nursery	8.54	8.60	8.45
Food Crops Grown Under Cover	8.37	8.36	8.20
General Farm Primarily Crop	8.08	8.05	8.01
Agricultural Production/Livestock	8.07	7.99	7.89
Beef Cattle Feed Lots	na	na	na
Beef Cattle Except Feed Lots	8.25	na	8.40
Dairy Farms	8.38	na	8.29
Chicken Eggs	na	na	6.98
Turkey & Turkey Eggs	na	na	7.81
Other Livestock	7.59	7.99	7.96
Total Agricultural Services	8.53	8.61	8.30
Soil Preparation Services	8.61	9.09	8.25
Crop Services	8.67	8.42	8.41
Plant Cultivate & Protection	8.50	8.41	8.10
Harvest Primarily by Machine	9.08	8.44	8.72
Preparation Services for Market	8.43	8.40	8.42
Cotton Ginning	na	na	na
Total Farm Labor & Management	8.32	8.33	8.25
Farm Labor Contractors	8.05	8.02	7.99
Farm Management Services	8.58	8.63	8.50

DESERT AGRICULTURAL EMPLOYMENT

Wage and Salary Workers (In Thousands)

Industry	Sep 2001	Aug 2001	Sep 2000
Total Agriculture	26.0	24.4	28.1
Total Agricultural Production/Crops	9.5	8.5	10.6
Cash Grains	0.0	0.0	0.1
Rice	0.0	0.0	0.0
Other Cash Grains	0.0	0.0	0.1
Field Crops Except Grains	1.9	2.0	1.4
Cotton	0.0	0.0	0.0
Other Field Crops	1.9	2.0	1.4
Vegetables and Melons	1.9	1.7	2.0
Total Fruits and Tree Nuts	3.2	2.4	3.7
Berries	0.1	0.1	0.0
Grapes	0.9	0.7	0.9
Tree Nuts	0.1	0.1	0.2
Citrus Fruits	0.8	0.5	0.9
Deciduous Tree Fruit	0.1	0.1	0.2
Other Fruits & Nuts	1.2	0.9	1.5
Total Horticultural Specialties	1.2	1.2	1.6
Ornamental Floral & Nursery	1.2	1.2	1.5
Food Crops Grown Under Cover	0.0	0.0	0.1
General Farm Primarily Crop	1.3	1.2	1.8
Agricultural Production/Livestock	5.6	6.7	5.4
Beef Cattle Feed Lots	0.4	0.4	0.2
Beef Cattle Except Feed Lots	0.5	0.5	0.5
Dairy Farms	2.6	2.7	2.9
Chicken Eggs	1.2	1.2	1.2
Turkey & Turkey Eggs	0.0	0.0	0.0
Other Livestock	0.9	1.9	0.6
Total Agricultural Services	10.9	9.2	12.1
Soil Preparation Services	0.0	0.0	0.2
Crop Services	3.1	1.8	3.4
Plant Cultivate & Protection	0.5	0.4	0.4
Harvest Primarily by Machine	0.2	0.3	0.9
Preparation Services for Market	2.3	1.0	2.0
Cotton Ginning	0.1	0.1	0.1
Total Farm Labor & Management	7.8	7.4	8.5
Farm Labor Contractors	7.6	7.2	7.7
Farm Management Services	0.2	0.2	0.8

na = not available

Average Hourly Earnings (In dollars per hour)

Industry	Sep 2001	Aug 2001	Sep 2000
Total Agriculture	8.10	8.07	8.00
Total Agricultural Production/Crops	7.99	7.90	7.75
Cash Grains	na	na	7.77
Rice	na	na	na
Other Cash Grains	na	na	7.77
Field Crops Except Grains	8.27	8.14	7.67
Cotton	na	na	na
Other Field Crops	8.27	8.14	7.67
Vegetables and Melons	7.82	7.76	7.83
Total Fruits and Tree Nuts	7.73	7.70	7.81
Berries	7.71	7.74	na
Grapes	7.64	7.51	8.04
Tree Nuts	7.36	7.29	7.06
Citrus Fruits	7.86	7.97	7.64
Deciduous Tree Fruit	7.26	7.25	7.74
Other Fruits & Nuts	8.52	8.41	8.59
Total Horticultural Specialties	7.91	7.95	7.99
Ornamental Floral & Nursery	7.91	7.95	7.84
Food Crops Grown Under Cover	na	na	8.14
General Farm Primarily Crop	8.20	7.94	7.41
Agricultural Production/Livestock	7.87	7.96	7.93
Beef Cattle Feed Lots	8.09	8.11	7.81
Beef Cattle Except Feed Lots	7.93	7.96	8.27
Dairy Farms	8.48	8.59	8.48
Chicken Eggs	7.11	7.13	7.18
Turkey & Turkey Eggs	na	na	na
Other Livestock	7.72	8.02	7.89
Total Agricultural Services	8.44	8.36	8.32
Soil Preparation Services	na	na	8.49
Crop Services	8.56	8.57	8.36
Plant Cultivate & Protection	8.38	8.36	8.29
Harvest Primarily by Machine	8.92	8.66	8.46
Preparation Services for Market	7.87	7.83	7.62
Cotton Ginning	9.08	9.42	9.05
Total Farm Labor & Management	8.32	8.16	8.12
Farm Labor Contractors	8.28	7.89	8.27
Farm Management Services	8.35	8.43	7.96

NORTH COAST AGRICULTURAL EMPLOYMENT

Wage and Salary Workers
(In Thousands)

Average Hourly Earnings
(In dollars per hour)

Industry	Sep 2001	Aug 2001	Sep 2000
Total Agriculture	20.7	20.7	22.1
Total Agricultural Production/Crops	13.6	15.5	15.7
Cash Grains	0.0	0.0	0.0
Rice	0.0	0.0	0.0
Other Cash Grains	0.0	0.0	0.0
Field Crops Except Grains	0.0	0.0	0.1
Cotton	0.0	0.0	0.0
Other Field Crops	0.0	0.0	0.1
Vegetables and Melons	0.4	0.4	0.4
Total Fruits and Tree Nuts	10.0	10.8	12.9
Berries	0.0	0.0	0.0
Grapes	8.1	8.1	11.6
Tree Nuts	0.1	0.1	0.1
Citrus Fruits	0.0	0.0	0.0
Deciduous Tree Fruit	1.6	2.3	1.1
Other Fruits & Nuts	0.2	0.3	0.1
Total Horticultural Specialties	1.7	1.1	1.8
Ornamental Floral & Nursery	1.5	1.1	1.6
Food Crops Grown Under Cover	0.2	0.0	0.2
General Farm Primarily Crop	1.5	3.2	0.5
Agricultural Production/Livestock	1.7	1.0	1.9
Beef Cattle Feed Lots	0.0	0.0	0.1
Beef Cattle Except Feed Lots	0.2	0.2	0.2
Dairy Farms	1.0	0.1	1.0
Chicken Eggs	0.0	0.1	0.1
Turkey & Turkey Eggs	0.1	0.0	0.1
Other Livestock	0.4	0.6	0.4
Total Agricultural Services	5.4	4.2	4.5
Soil Preparation Services	0.1	0.1	0.1
Crop Services	0.0	0.0	0.5
Plant Cultivate & Protection	0.0	0.0	0.2
Harvest Primarily by Machine	0.0	0.0	0.0
Preparation Services for Market	0.0	0.0	0.3
Cotton Ginning	0.0	0.0	0.0
Total Farm Labor & Management	5.3	4.1	3.9
Farm Labor Contractors	0.1	0.6	1.0
Farm Management Services	5.2	3.5	2.9

Industry	Sep 2001	Aug 2001	Sep 2000
Total Agriculture	8.41	8.39	8.27
Total Agricultural Production/Crops	8.40	8.41	8.33
Cash Grains	na	na	na
Rice	na	na	na
Other Cash Grains	na	na	na
Field Crops Except Grains	na	na	8.16
Cotton	na	na	na
Other Field Crops	na	na	8.16
Vegetables and Melons	8.46	8.38	8.46
Total Fruits and Tree Nuts	8.54	8.46	8.46
Berries	na	na	na
Grapes	8.68	8.59	8.66
Tree Nuts	8.35	8.28	8.30
Citrus Fruits	na	na	na
Deciduous Tree Fruit	8.48	8.33	8.68
Other Fruits & Nuts	8.66	8.62	8.21
Total Horticultural Specialties	8.36	8.64	8.49
Ornamental Floral & Nursery	8.60	8.64	8.52
Food Crops Grown Under Cover	8.12	na	8.45
General Farm Primarily Crop	8.25	8.16	8.08
Agricultural Production/Livestock	8.23	8.24	7.94
Beef Cattle Feed Lots	na	na	8.34
Beef Cattle Except Feed Lots	8.02	8.03	8.00
Dairy Farms	8.30	8.34	8.38
Chicken Eggs	na	8.10	7.14
Turkey & Turkey Eggs	8.10	na	7.81
Other Livestock	8.51	8.47	7.98
Total Agricultural Services	8.60	8.52	8.55
Soil Preparation Services	8.63	8.54	8.71
Crop Services	na	na	8.58
Plant Cultivate & Protection	na	na	8.51
Harvest Primarily by Machine	na	na	na
Preparation Services for Market	na	na	8.64
Cotton Ginning	na	na	na
Total Farm Labor & Management	8.57	8.50	8.36
Farm Labor Contractors	8.33	8.31	7.92
Farm Management Services	8.80	8.68	8.80

na = not available

SOUTH COAST AGRICULTURAL EMPLOYMENT

Wage and Salary Workers
(In Thousands)

Industry	Sep 2001	Aug 2001	Sep 2000
Total Agriculture	61.9	65.1	65.2
Total Agricultural Production/Crops	42.9	42.0	45.0
Cash Grains	0.4	0.4	0.1
Rice	0.0	0.0	0.0
Other Cash Grains	0.4	0.4	0.1
Field Crops Except Grains	2.3	2.8	0.3
Cotton	0.0	0.1	0.0
Other Field Crops	2.3	2.8	0.3
Vegetables and Melons	8.7	8.7	10.1
Total Fruits and Tree Nuts	11.2	11.1	12.4
Berries	5.4	5.6	6.0
Grapes	2.1	1.8	3.0
Tree Nuts	0.1	0.1	0.2
Citrus Fruits	1.8	1.8	1.5
Deciduous Tree Fruit	0.2	0.2	0.2
Other Fruits & Nuts	1.6	1.6	1.5
Total Horticultural Specialties	16.4	16.6	18.3
Ornamental Floral & Nursery	15.6	15.8	17.4
Food Crops Grown Under Cover	0.8	0.8	0.9
General Farm Primarily Crop	3.9	2.4	3.8
Agricultural Production/Livestock	2.0	1.5	2.1
Beef Cattle Feed Lots	0.0	0.0	0.0
Beef Cattle Except Feed Lots	0.3	0.3	0.3
Dairy Farms	0.2	0.2	0.2
Chicken Eggs	0.4	0.4	0.4
Turkey & Turkey Eggs	0.0	0.0	0.0
Other Livestock	1.1	0.6	1.2
Total Agricultural Services	17.0	21.6	18.1
Soil Preparation Services	0.2	0.0	0.2
Crop Services	2.3	2.0	3.5
Plant Cultivate & Protection	1.3	1.0	0.6
Harvest Primarily by Machine	0.0	0.0	0.7
Preparation Services for Market	1.0	1.0	2.2
Cotton Ginning	0.0	0.0	0.0
Total Farm Labor & Management	14.5	19.6	14.4
Farm Labor Contractors	13.3	17.9	13.1
Farm Management Services	1.2	1.7	1.3

na = not available

Average Hourly Earnings
(In dollars per hour)

Industry	Sep 2001	Aug 2001	Sep 2000
Total Agriculture	8.29	8.24	8.15
Total Agricultural Production/Crops	8.25	8.21	8.15
Cash Grains	8.60	8.57	8.34
Rice	na	na	na
Other Cash Grains	8.60	8.57	8.34
Field Crops Except Grains	8.36	8.18	8.23
Cotton	na	8.10	na
Other Field Crops	8.36	8.26	8.23
Vegetables and Melons	8.03	7.98	8.04
Total Fruits and Tree Nuts	7.82	7.85	7.97
Berries	7.36	7.31	8.09
Grapes	7.97	7.96	7.76
Tree Nuts	7.59	7.59	7.41
Citrus Fruits	8.22	8.24	8.28
Deciduous Tree Fruit	7.39	7.39	7.71
Other Fruits & Nuts	8.39	8.61	8.56
Total Horticultural Specialties	8.17	8.20	8.15
Ornamental Floral & Nursery	8.23	8.15	7.71
Food Crops Grown Under Cover	8.10	8.24	8.59
General Farm Primarily Crop	8.50	8.49	8.20
Agricultural Production/Livestock	8.22	8.24	8.07
Beef Cattle Feed Lots	na	na	na
Beef Cattle Except Feed Lots	8.63	8.65	8.58
Dairy Farms	8.63	8.63	8.56
Chicken Eggs	7.36	7.42	7.05
Turkey & Turkey Eggs	na	na	na
Other Livestock	8.27	8.25	8.07
Total Agricultural Services	8.40	8.27	8.22
Soil Preparation Services	8.37	na	8.76
Crop Services	8.53	8.42	8.32
Plant Cultivate & Protection	8.88	8.81	8.63
Harvest Primarily by Machine	na	na	8.51
Preparation Services for Market	8.18	8.02	7.81
Cotton Ginning	na	na	na
Total Farm Labor & Management	8.29	8.12	7.57
Farm Labor Contractors	8.05	7.90	7.42
Farm Management Services	8.53	8.34	7.72

SAN JOAQUIN AGRICULTURAL EMPLOYMENT

Wage and Salary Workers
(In Thousands)

Average Hourly Earnings
(In dollars per hour)

Industry	Sep 2001	Aug 2001	Sep 2000
Total Agriculture	271.0	254.9	265.8
Total Agricultural Production/Crops	110.5	91.6	104.0
Cash Grains	0.8	0.3	0.4
Rice	0.0	0.0	0.1
Other Cash Grains	0.8	0.3	0.3
Field Crops Except Grains	11.3	14.1	10.5
Cotton	6.6	7.5	5.0
Other Field Crops	4.7	6.6	5.5
Vegetables and Melons	7.9	8.4	6.6
Total Fruits and Tree Nuts	69.5	51.7	65.4
Berries	0.1	0.1	0.1
Grapes	43.0	35.0	42.3
Tree Nuts	7.7	5.9	7.4
Citrus Fruits	2.2	2.1	2.3
Deciduous Tree Fruit	10.5	2.4	7.4
Other Fruits & Nuts	6.0	6.2	5.9
Total Horticultural Specialties	3.6	3.8	3.6
Ornamental Floral & Nursery	3.4	3.6	3.4
Food Crops Grown Under Cover	0.2	0.2	0.2
General Farm Primarily Crop	17.4	13.3	17.5
Agricultural Production/Livestock	14.6	17.9	17.0
Beef Cattle Feed Lots	0.2	0.3	0.4
Beef Cattle Except Feed Lots	1.3	1.3	1.5
Dairy Farms	10.4	10.5	11.9
Chicken Eggs	0.6	0.6	0.6
Turkey & Turkey Eggs	0.7	0.7	0.7
Other Livestock	1.4	4.5	1.9
Total Agricultural Services	145.9	145.4	144.8
Soil Preparation Services	1.5	1.2	0.7
Crop Services	32.2	29.2	31.9
Plant Cultivate & Protection	2.2	2.8	4.0
Harvest Primarily by Machine	2.2	2.4	3.7
Preparation Services for Market	27.1	23.4	23.7
Cotton Ginning	0.7	0.6	0.5
Total Farm Labor & Management	112.2	115.0	112.2
Farm Labor Contractors	108.5	110.8	107.1
Farm Management Services	3.7	4.2	5.1

Industry	Sep 2001	Aug 2001	Sep 2000
Total Agriculture	8.17	8.16	7.95
Total Agricultural Production/Crops	7.93	7.89	7.63
Cash Grains	8.00	7.83	7.79
Rice	na	na	8.13
Other Cash Grains	8.00	7.83	7.45
Field Crops Except Grains	7.77	7.96	7.55
Cotton	7.73	7.79	7.45
Other Field Crops	7.81	8.12	7.64
Vegetables and Melons	8.21	8.06	7.72
Total Fruits and Tree Nuts	7.66	7.58	7.47
Berries	7.40	7.28	7.25
Grapes	7.81	7.66	7.46
Tree Nuts	7.98	7.97	7.74
Citrus Fruits	7.58	7.53	7.81
Deciduous Tree Fruit	7.46	7.37	7.05
Other Fruits & Nuts	7.71	7.65	7.48
Total Horticultural Specialties	7.97	8.07	7.63
Ornamental Floral & Nursery	8.05	8.09	7.61
Food Crops Grown Under Cover	7.89	8.05	7.64
General Farm Primarily Crop	8.00	7.86	7.61
Agricultural Production/Livestock	8.12	8.12	7.91
Beef Cattle Feed Lots	8.04	8.00	7.70
Beef Cattle Except Feed Lots	8.20	8.22	8.52
Dairy Farms	8.80	8.78	8.20
Chicken Eggs	7.29	7.24	6.80
Turkey & Turkey Eggs	7.75	7.83	7.84
Other Livestock	8.62	8.63	8.39
Total Agricultural Services	8.45	8.47	8.32
Soil Preparation Services	8.74	8.71	8.62
Crop Services	8.58	8.69	8.55
Plant Cultivate & Protection	8.73	8.76	8.63
Harvest Primarily by Machine	8.13	8.24	8.27
Preparation Services for Market	7.84	7.94	7.44
Cotton Ginning	9.60	9.80	9.84
Total Farm Labor & Management	8.03	8.03	7.81
Farm Labor Contractors	7.72	7.79	7.48
Farm Management Services	8.34	8.26	8.13

na = not available

SACRAMENTO VALLEY AGRICULTURAL EMPLOYMENT

Wage and Salary Workers (In Thousands)

Industry	Sep 2001	Aug 2001	Sep 2000
Total Agriculture	32.3	33.9	35.3
Total Agricultural Production/Crops	21.7	26.1	23.1
Cash Grains	2.6	2.1	2.2
Rice	1.6	1.4	1.8
Other Cash Grains	1.0	0.7	0.4
Field Crops Except Grains	0.3	0.5	0.9
Cotton	0.0	0.0	0.0
Other Field Crops	0.3	0.5	0.9
Vegetables and Melons	3.2	3.8	2.5
Total Fruits and Tree Nuts	11.1	13.8	11.4
Berries	0.0	0.0	0.3
Grapes	1.1	1.2	1.2
Tree Nuts	2.9	3.0	3.4
Citrus Fruits	0.0	0.0	0.0
Deciduous Tree Fruit	5.5	8.0	4.9
Other Fruits & Nuts	1.6	1.6	1.6
Total Horticultural Specialties	1.8	2.3	1.8
Ornamental Floral & Nursery	1.8	2.3	1.8
Food Crops Grown Under Cover	0.0	0.0	0.1
General Farm Primarily Crop	2.7	3.6	4.3
Agricultural Production/Livestock	1.8	2.1	1.6
Beef Cattle Feed Lots	0.0	0.0	0.1
Beef Cattle Except Feed Lots	0.5	0.7	0.5
Dairy Farms	0.5	0.8	0.5
Chicken Eggs	0.0	0.0	0.0
Turkey & Turkey Eggs	0.0	0.0	0.0
Other Livestock	0.8	0.6	0.5
Total Agricultural Services	8.8	5.7	10.6
Soil Preparation Services	0.0	0.0	0.1
Crop Services	2.9	2.7	3.5
Plant Cultivate & Protection	0.5	0.5	0.7
Harvest Primarily by Machine	0.1	0.3	0.6
Preparation Services for Market	2.3	1.9	2.2
Cotton Ginning	0.0	0.0	0.0
Total Farm Labor & Management	5.9	3.0	7.0
Farm Labor Contractors	5.8	3.0	6.5
Farm Management Services	0.1	0.0	0.5

na = not available

Average Hourly Earnings (In dollars per hour)

Industry	Sep 2001	Aug 2001	Sep 2000
Total Agriculture	8.33	8.21	7.98
Total Agricultural Production/Crops	8.12	8.03	7.78
Cash Grains	8.34	8.27	8.17
Rice	8.53	8.45	8.25
Other Cash Grains	8.15	8.08	8.08
Field Crops Except Grains	8.11	8.00	7.72
Cotton	na	na	na
Other Field Crops	8.11	8.00	7.72
Vegetables and Melons	7.94	7.96	7.53
Total Fruits and Tree Nuts	7.94	7.85	7.81
Berries	na	na	7.70
Grapes	7.94	7.88	7.57
Tree Nuts	7.83	7.75	8.10
Citrus Fruits	na	na	na
Deciduous Tree Fruit	7.91	7.86	7.63
Other Fruits & Nuts	8.07	7.89	8.03
Total Horticultural Specialties	8.30	8.30	7.69
Ornamental Floral & Nursery	8.30	8.30	7.72
Food Crops Grown Under Cover	na	na	7.65
General Farm Primarily Crop	8.08	7.83	7.75
Agricultural Production/Livestock	8.52	8.35	7.85
Beef Cattle Feed Lots	na	na	7.80
Beef Cattle Except Feed Lots	8.45	8.36	7.88
Dairy Farms	8.77	8.67	8.00
Chicken Eggs	na	na	na
Turkey & Turkey Eggs	na	na	na
Other Livestock	8.33	8.01	7.73
Total Agricultural Services	8.37	8.24	8.31
Soil Preparation Services	na	na	8.61
Crop Services	8.53	8.42	8.42
Plant Cultivate & Protection	8.56	8.59	8.42
Harvest Primarily by Machine	8.53	8.46	8.27
Preparation Services for Market	8.49	8.21	8.57
Cotton Ginning	na	na	na
Total Farm Labor & Management	8.21	8.06	7.89
Farm Labor Contractors	8.04	8.06	7.71
Farm Management Services	8.38	na	8.07

DATA NOTES

Data Sources:

These data are obtained from two sources: the Employment Development Department (EDD) Covered Employment and Wages (ES-202) data files and a monthly survey conducted by the California Agricultural Statistical Service (CASS) of the U.S. Department of Agriculture (USDA) and the Labor Market Information Division of EDD of 4,200 agricultural employers. The sample was selected to be representative of the state's agricultural employers by size, geographic location, and industry categories. Sample data are gathered for the survey week that includes the 12th calendar day of the month. All data in this bulletin represent activities taking place during this mid-month period. Same month prior year employment data are benchmarked to the ES-202 data files maintained by EDD.

Data Comments:

To aid in accurate usage and interpretation of the data, please note the following:

- **Agricultural Services employment survey data may be recalculated; historical trend information is used to adjust sample data when low response rates occur.**
- Regional data may show greater variability than statewide data because of small sample size and variable reporting patterns in specific industries.
- Current month regional estimates are based on the recorded addresses of owner-operators. Same month prior year regional data are based on worksite locations. Significant differences between regional current month and same month prior year data could result, although statewide totals might be comparable.
- Where data cannot be estimated because of inadequate sample reporting, the letters "na" have been entered into the field to indicate estimates are not available.
- Wage data include wages of supervisors and hired non-production workers (primarily administrative personnel). Piece rate data are also included where applicable.
- Fishing, forestry, and hunting industry data are not included in the Agricultural Services estimates. Unique seasonal industry patterns of employment make producing employment estimates for these industries problematic.
- Employment data do not include employers of unpaid family workers.
- Agricultural workers who are employed by farm labor contractors are reported in Agricultural Services under that industry category. Employment levels in Crop Production and Livestock Production do not reflect their activities in the associated industries that contract with the farm labor contractors.

Total agricultural employment and hourly earnings estimates in this bulletin are derived from the monthly Current Employment Statistics for Agriculture project. Estimates in this bulletin will differ from other agricultural estimates published by EDD and the USDA because of differences in the number of industries covered and in the definition of agricultural workers.

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